

FIG.1B

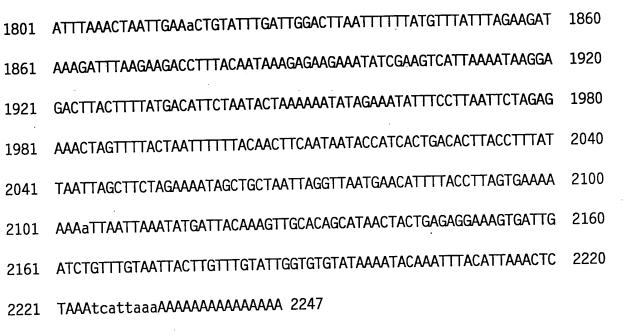


FIG.1C

Sheet 4 of 7

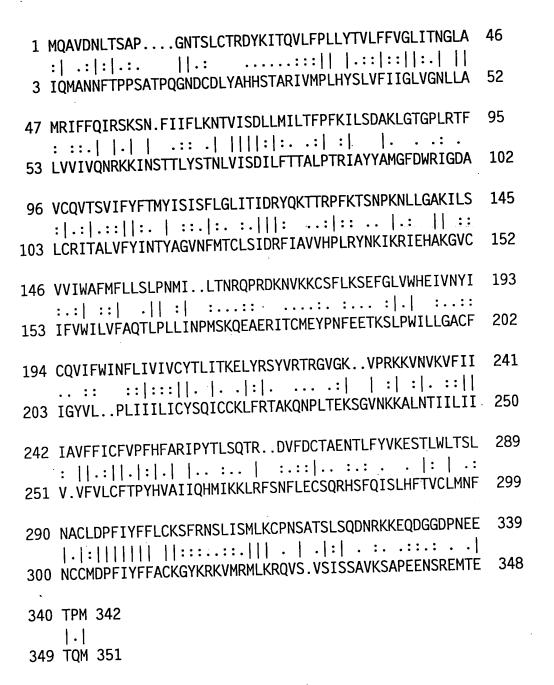
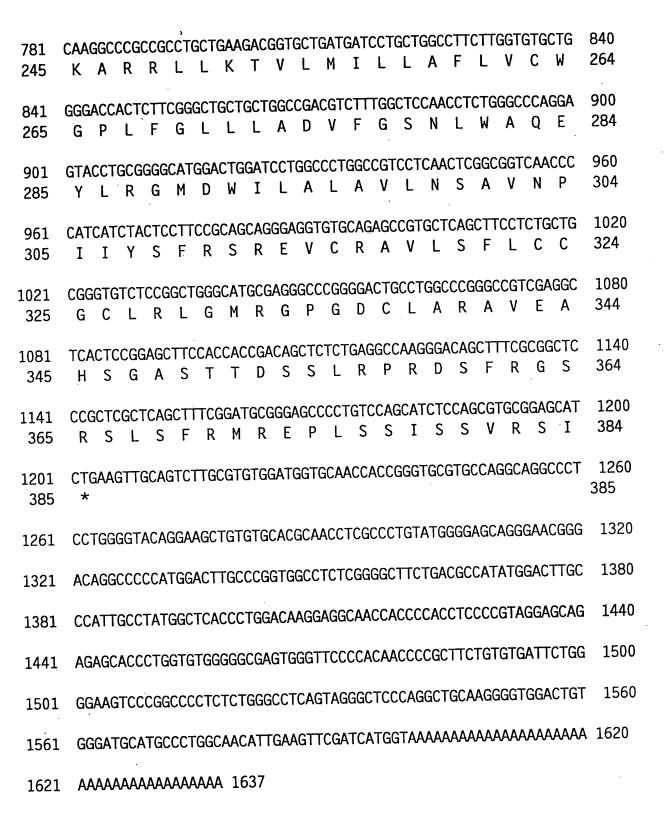


FIG.2

Appl. No. To be assigned; Group Art Unit: To be assigned Dkt. No. 1488.1220003/EKS/EJH; Inventors: Li et al.; Tel: 202/371-2600 Title: Human G-Protein Coupled Receptors

1	GGC								-											יו		i V	^	٠		50 4
61 5	GGG G	GAC T	CC(P	CGG V		GCC A	CC(P	CGA E	GT(S	TOC O	GC	CA Q	ACA Q	GC7 L	TGG A	CG	GC(A	CGG G	CG(G	GGC F	CAC I	AG(S	CCG R	GC ⁻ L	Ţ	120 24
121 25	CAT I	TG1 V	ПC L	TGC F	AC I	TA(Y	CAA N	CC <i>I</i> H	ACT S	CG(GG(G	CCG R	GCT L	GG(A	CCG G	GG G	iCG(R	CGG G	iGG G	GG(CCG	GA(E	GGA D	TG G	G	180 44
181 45	CG(GCC ⁻	TGG G	iGG(GCC A	CT(GCG R	GG(GGC L	TG	TC(S	GGT V	GG(A	CCG A	CC <i>F</i>	AGC S	CTG C	CC1 L	rgg V	TG	GT(V	GCT L	GG/ E	NGA N	A	240 64
241 65		TGC L			CT0 L	GC A	GG(A	CA I	TC <i>F</i>	ACC T	AG S	CC/ H	ACA [.] M	TGC R	GG	TC(S	aca Q	AC(R	GCT W	GG I	GT(V	CTA Y	CT) Y	4T7 (rG C	300 84
301 85		TGG V		AAC N			GA M			GAC D	CT L	GC L	TCA T	CGC	GC G	GC A	GG(A	CCT. Y	AC(CTG	GC A	CA/ N	ACG V	TG(CT L	360 104
361 105		TGT			igc A	CC(R	GCA T		ITC -	CGT R	rct L	rgg A	CGC F	CC	GCC A	CA Q	GT(W	GGT F	TC	CT/ L	ACG R	GA K	AGG G	GC	CT L	420 124
421 125		CTC		ACC	CGC A	CC ⁻	TGG	iCC(GCC A	TC S	CA(T	CCT F	TC/	AGC S	CTO L	GCT L	TCT F	TC	ACT T	GC.	AG(G	GGT L	TGC . F	CGC R	TT F	480 144
481 145		GCC A		CAT(M	GGT V	TGC R			ĠTŒ V	GC A	CG E	AG/	AGC(GGG G	GC(CA(CCA K	AG/	ACC T	AG S	CC R	GCG V	TC [*]	TAC Y	GG G	540 164
541 165	. C	TTC F	•		CC ⁻	_		TGG W	iCT(GCT L	GG A	iCC	GCG A	CT6	CT L	GG G	GG/	ATG M	CT(L	GCC P	TT: L	TG(CTG -	GG(G	CTG W	600 184
601		iaa(N	CTG C	CCT L	GT C	GC(acc A	TT F	ГGA D	CC(R	CT (rgc C	TCC S	AG(S	CCT L	TC L	TG(CCC P	CT L	CT/ Y	ACT S	CC/	AAG K	icg R	CTA Y	660 204
66 [°] 20	1 (·^ _ _	гот		ст с	·CT	CAT	·CΤ	TC	ሮርር	`GG(GT	CCT	rge	CC	AC(CAT	CA	TG(GC	СТО	AT:		720 224
72 22		GGC A	CA7 I	CT F	TC(CGC R	CT(L	GGT V	GC/ Q	AGG A	CC	AG(S	CGG G	GCA Q	GA. K	AG	GCC A	CC P	ACG R	GCC P	CA	GCG A	GC(A	CCC R	GCC R	G 780 244



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1	MNATGTPVAPESCQQLAAGGHSRLIVLHYNHSGRLAGRGGPEDGGLGALR	50
1	:: :: :::::::::::::::::::::::::::::::	49
51	GLSVAASCLVVLENLLVLAAITSHMRSQRWVYYCLVNITMSDLLTGAAYL .: : : ::: :: . : : : :. :.: . .	100
50	VVFILICCFIILENIFVLLTIWKTKKFHRPMYYFIGNLALSDLLAGVAYT	99
L01	ANVLLSGARTFRLAPAQWFLRKGLLFTALAASTFSLLFTAGLRFATMVRP	150
100	ANLLLSGATTYKLTPAQWFLREGSMFVALSASVFSLLAIAIERYITMLKM	149
151	VAESGATKTSRVYGFIGLCWLLAALLGMLPLLGWNCLCAFDRCSSLLPLY :: : : : : : : : :: : :: ::	200
150	KLHNGS.NNFRLFLLISACWVISLILGGLPIMGWNCISALSSCSTVLPLY	198
201	SKRYILFCLVIFAGVLATIMGLYGAIFRLVQASGQKAPRPAARRKARR	248
199	HKHYILFCTTVFTLLLLSIVILYCRIYSLVRTRSRRLTFRKNISKASRSS	248
249	LLKTVLMILLAFLVCWGPLFGLLLADVFGSNLWAQEYLRGMDWILA	294
249	ENVALLKTVIIVLSVFIACWAPLFILLLLDV.GCKVKTCDILFRAEYFLV	297
295	LAVLNSAVNPIIYSFRSREVCRAVLSFLCCGCLRLGMRGPGDCLARAVEA	344
298	LAVLNSGTNPIIYTLTNKEMRRAFIRIMSCCKCPSGDSAGKFKRPIIA	345
345	HSGASTTDSSLRPRDSFRGSRSLSFRMREPLSSIS 379	
346	GMEFSRSKSDNSSHPQKDEGDNPETIMSSGNVNSSS 381	

FIG.4